RIDGID

RP 340 Manual

Pressing Tool

Test Equipment Depot
1-800-517-8431
99 Washington Street
Melrose, MA 02176
Phone 781-665-1400
Toll Free 1-800-517-8431
Visit us at www.TestEquipmentDepot.com

⚠ WARNING!

Read this Operator's Manual carefully before using this tool. Failure to understand and follow the contents of this manual may result in electrical shock, fire and/or serious personal injury.

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RP 340

Press Tool

RIDGID®

RP 340 Press Tool	
Record Serial Number below and retain product serial number which is located on nameplate.	
Serial No.	

Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176 - TestEquipmentDepot.com

Safety Symbols

In this operator's manual and on the product, safety symbols and signal words are used to communicate important safety information. This section is provided to improve understanding of these signal words and symbols.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE NOTICE indicates information that relates to the protection of property.

This symbol means read the operator's manual carefully before using the equipment. The operator's manual contains important information on the safe and proper operation of the equipment.

This symbol means always wear safety glasses with side shields or goggles when handling or using this equipment to reduce the risk of eye injury.

This symbol indicates the risk of hands, fingers or other body parts being crushed.

This symbol indicates the risk of electrical shock.

General Power Tool Safety Warnings*

⚠ WARNING

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE!

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work Area Safety

- **Keep your work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and by-standers away while operating a power tool.** Distractions can cause you to lose control.

Electrical Safety

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electrical shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electrical shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

* The text used in the General Power Tool Safety Warnings section of this manual is verbatim, as required, from the applicable UL/CSA 60745 standard. This section contains general safety practices for many different types of power tools. Not every precaution applies to every tool, and some do not apply to this tool.

Personal Safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the OFF-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch ON invites accidents.
- **Remove any adjusting key or wrench before turning the power tool ON.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

Power Tool Use and Care

- **Do not force power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it is designed.
- **Do not use power tool if the switch does not turn it ON and OFF.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

Battery Tool Use and Care

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Specific Safety Information

⚠ WARNING

This section contains important safety information that is specific to this tool.

Read these precautions carefully before using the RP 340 Press Tool to reduce the risk of electrical shock or serious personal injury.

SAVE THESE INSTRUCTIONS!

A compartment in the RP 340 carrying case is included to keep this manual with the machine for use by the operator.

Press Tool Safety

- **Use the RP 340 Press Tool only with RIDGID® standard pressing attachments (jaw set, press ring, actuator, etc.).** Other uses or modifying the RP 340 Press Tool for other applications may damage the press tool, damage the attachments and/or cause personal injury.
- **Keep your fingers and hands away from attachments during press cycle.** Your fingers or hands can be crushed, fractured or amputated if they become caught in the attachments or between these components and any other object.
- **Never attempt to repair a damaged jaw set, press ring, actuator or other attachment.** An attachment that has been welded, ground, drilled or modified in any manner can shatter during pressing resulting in serious injury. Discard the entire damaged attachment. Replace with a new jaw set. Never replace individual components except for damaged jaw return springs.
- **Large forces are generated during product use that can break or throw parts and cause injury.** Stand clear during use and wear appropriate protective equipment, including eye protection.
- **Only use RIDGID Press Tools and Jaws when specified by the press fittings manufacturer.** Use of incorrect equipment and methods can cause incomplete joints, damage the equipment, void warranties or cause severe personal injury or death.
- **Before operating a RIDGID RP 340 Press Tool, read and understand:**
  - This operator's manual,
  - The attachment instructions,
  - The battery/charger manual,
  - The RPA 120/220 AC Power (Mains) Adapter Instructions,
  - The fitting manufacturer's installation instructions,
  - The instructions for any other equipment used with this tool,

  Failure to follow all instructions and warnings may result in property damage and/or serious injury.

The EC Declaration of Conformity (890-011-320.10) will accompany this manual as a separate booklet when required.

Description and Specifications

Description

The RIDGID® RP 340 Press Tool, when used with appropriate jaw sets, is designed to mechanically press fittings onto tubing to create a water-tight and permanent seal. When the switch on the RP 340 is depressed, an internal electric motor powers a hydraulic pump which forces fluid into the cylinder of the tool, forcing the ram forward and applying thousands of pounds of pressing force onto specially designed fittings. Attachments are also available for other uses.

The entire cycle duration is approximately five (5) seconds. Once the cycle begins to deform a fitting, it will automatically continue until completion, even if the trigger switch is released. The LED displays on the top of the tool indicate problems such as improper temperature, open jaw mounting pin or maintenance required.

Figure 1 – RP 340 Press Tool and Jaw Set

The tool is equipped with a bright LED work light that lights up when the trigger is pulled and remains lit four (4) min-

utes after the trigger is released. This allows the user to easily illuminate the work area.

Specifications

RP 340 Press Tool:

Motor

Voltage .....18 V

Amperage .....27.2 Amp

Power .....490 Watts

Weight .....5.75 lbs. (2.61 kg)

Ram Force .....7,200 lbs. (32kN)

Operating Temperature
Range .....15°F to 122°F (-10°C to 50°C)

Duty Cycle .....3 Crimp /min.

The Press Tool serial number plate is located at the bottom of the handle as shown in *Figure 2.* The last 4 digits indicate the month and year of the manufacture. (04 = month, 10 = year).

Figure 2 – Press Tool Serial Label

NOTE! RIDGID jaw sets are offered in two "series"

- Standard Series
- Compact Series

These jaw sets are not interchangeable. These series are not interchangeable. Standard series jaw sets will only work with standard series tools (RP 340, RP 330, 320-E, CT-400). Compact series jaw sets will work with compact series tools (RP 200, RP 210, 100B).

NOTICE Selection of appropriate materials and joining methods is the responsibility of the system designer and/or installer. Before any installation is attempted, careful evaluation of the specific service environment, including chemical environment and service temperature, should be completed. Consult Press Fitting System manufacturer for selection information.

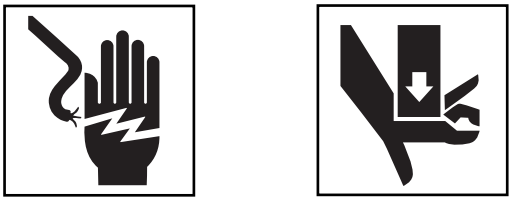
Electromagnetic Compatibility (EMC)

The term electromagnetic compatibility is taken to mean the capability of the product to function smoothly in an environment where electromagnetic radiation and electrostatic discharges are present and without causing electromagnetic interference to other equipment.

NOTICE The RIDGID Model RP 340 Press Tool conforms to all applicable EMC standards. However, the possibility of it causing interference in other devices cannot be precluded.

Tool Inspection

⚠ WARNING



Daily before use, inspect your press tool and correct any problems to reduce the risk of serious injury from electric shock, crushing injures, attachment failure and other causes, and prevent tool damage.

1. Make sure that the press tool is unplugged or the battery is removed. If using an AC Power Adapter, inspect the AC Power Adapter power cord and plug for damage or modifications. If a battery tool, inspect the battery for damage. If any damage or modifications are found, do not use the tool until the cord or battery has been properly repaired or replaced.
2. Clean any oil, grease or dirt from the equipment, especially the handles and controls. This helps to prevent the machine or controls from slipping from your grip.
3. Inspect the press tool for any of the following:
   - Proper assembly, maintenance and completeness.
   - Any broken, worn, missing, misaligned or binding parts.
   - Make sure that the attachment mounting pin moves smoothly between the fully open and full closed position and locks into each. Confirm that the switch moves freely and does not bind or stick.
   - Presence and readability of warning labels. *See Figure 3.*
   - Any other condition which may prevent safe and normal operation.

If any problems are found, do not use the press tool until the problems have been repaired.

4. Inspect and maintain the tool attachments, battery charger, AC Power Adapter and any other equipment or material in use as directed in their instructions.

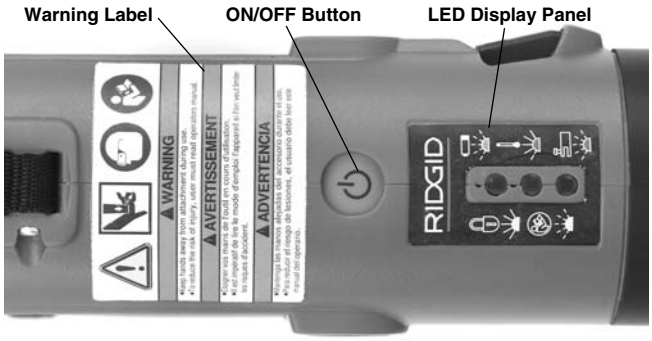
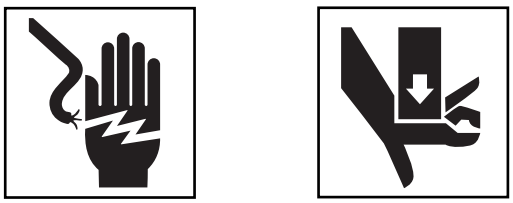


Figure 3 – Press Tool Labels

5. With dry hands, plug an inserted AC Power Adapter into a properly grounded outlet or insert a fully charged battery. Press the ON/OFF button on the LED panel one time to turn the press tool ON. The green, red and yellow LED on the display panel should all blink one time on power up, and then the green LED will remain on to indicate that the tool is ready for use. If any other conditions exist, use the *Diagnostic Codes* information on *page 12* to determine the next step and do not use the tool until it is working properly. With your hands and fingers away from the tool ram, test the switch to confirm proper operation. When used with an attachment, once the tool sees enough load it will lock on to ensure that a complete press is made.
6. Once the operation has been checked, with dry hands unplug the tool or remove the battery.

Tool and Work Area Set-Up

⚠ WARNING



Set up the press tool and work area according to these procedures to reduce the risk of injury from electric shock, fire, crushing injuries and other causes, and prevent tool and system damage.

1. Check work area for:
   - Adequate lighting.
   - Flammable liquids, vapors or dust that may ignite. If present, do not work in area until sources have been identified and corrected. The press tool is not explosion proof and can cause sparks.
   - Clear, level, stable dry place for operator. Do not use the machine while standing in water.
   - Clear path to electrical outlet that does not contain any potential sources of damage for the power cord.
2. Inspect the work to be done and determine the correct RIDGID tool and attachment(s) for the application. Using an incorrect attachment for an application can cause injury, damage the tool and make incomplete connections. For a complete listing of RIDGID attachments available for this tool, see the Ridge Tool Cat -alog. Make sure that the tool and attachment have been inspect-ed as directed in the instructions.
3. Evaluate the work area and determine if any barriers are needed to keep bystanders out. Bystanders can distract the tool operator during use.
4. Confirm that the tool is unplugged or the battery is removed and fully open the attachment mounting pin. *See Figure 4.* If there is an attachment in the tool, slide it out of the tool.
5. Slide the correct attachment into the press tool as shown in *Figure 5* and fully close the attachment mounting pin. The tool will not operate unless the mounting pin is fully closed. Rings must use the appropriate matching actuator.

Figure 4 – Fully Open Attachment Mounting Pin

Figure 5 – Slide Attachment Into Tool

6. If using a battery tool, with dry hands insert the battery into the tool. If using an AC Power Adapter, with dry hands insert the AC Power Adapter into the tool, run the cord along the previously identified clear path, and with dry hands plug the AC Power Adapter in. Keep all connections dry and off the ground. If the power cord is not long enough, use an extension cord that:
   - Is in good condition
   - Is appropriately rated for the use
   - Has sufficient wire size (16 AWG for 50' or less, 14 AWG for 50' to 100'). Undersized wires can overheat, melting the insulation or causing fire or other damage.

Operating Instructions

⚠ WARNING

Always wear eye protection to to reduce the risk of eye injury.

Keep your fingers and hands away from the tool attachment during the press cycle. Your fingers or hands can be crushed, fractured or amputated in the attachment or tool or between the attachment, work piece and other objects.

Follow operating instructions to reduce the risk of injury from crushing and other causes and to prevent tool damage.

Preparing the Connection

NOTICE These instructions are generalized practices for several types of press tool attachments. Always follow the specific instructions for the press tool attachment being used and the fitting manufacturers' specific installation instructions. Failure to follow the specific attachment and fitting installation instructions may result in improper press connections that can lead to extensive property damage.

1. Make sure that the work area is free of bystanders and other distractions and that the tool and work area has been properly set up.
2. Prepare the connection according to the fitting manufacturer's instructions.
3. Depress ON/OFF button on display panel one time to turn tool ON. All three light emitting diodes (LED's) will blink once. Then, the green LED should be solidly illuminated indicating the tool is ready to press.
4. Make sure the tubing is inserted to the proper depth in fitting, as specified in the appropriate fitting system's operator's manual.

Pressing A Fitting With Typical Scissor Jaw Set

1. Squeeze jaw arms to open the jaw set *(Figure 6).*
2. Place open jaws around the fitting. Make sure the contour of the jaw set is properly aligned with the contour of the fitting as specified in *Fitting Manufacturer's Installation Instructions*. Do not hang the jaw set and tool from fitting. Tool could unexpectedly drop and cause serious injury or death.

Figure 6 – Opening The Scissor-Style Jaw Set

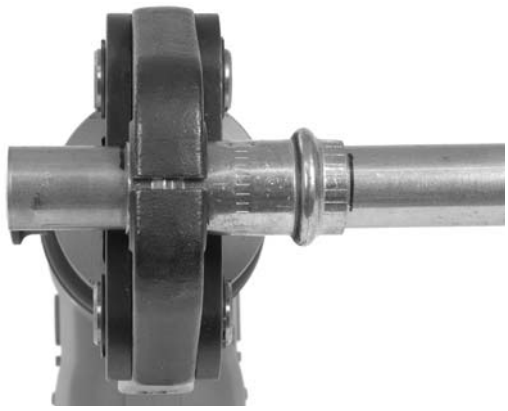


Figure 7 – RP 340 Tool Square To Tubing

3. Make sure the jaw set and tool are square to the tubing and depress the tool switch *(Figure 7).* Keep fingers and hands away from the jaw set to avoid crushing injuries in jaw set and between jaw set and surroundings. The press cycle takes about five (5) seconds. Once a press cycle begins and the rollers contact the jaw arms, the tool will lock-on and automatically complete the press cycle. Releasing the switch will not stop the tool once the pressing process has begun. This assures consistent, repeatable press joint integrity.
4. Press jaw arms to open the jaw set.
5. Remove the RP 340 and jaw set from tube. Avoid sharp edges that may have formed on the fitting during the pressing operation.

Pressing A Fitting With Typical Actuator And Press Ring Set

1. Open the appropriate press ring and place at right angle onto the fitting *(Figure 8).* Align ring with fitting according to fitting manufacturer's Installation Instruction. Recheck insertion depth before completing press process.
2. Squeeze actuator arms to open the actuator assembly. Engage actuator ends into the actuator pockets in the press ring *(Figure 9).* Make sure actuator ends are fully engaged in pockets. Do not attempt to hang tool and actuator from press ring. Tool could unexpectedly drop causing serious injury or death.

   Depress the tool switch. The press cycle takes about five (5) seconds. Once a press cycle begins and the rollers contact the actuator arms, the tool will lock-on and automatically complete the press cycle. Releasing the trigger will not stop the tool once the pressing process has begun. This assures consistent, repeatable press joint integrity. To avoid pinch point injuries, keep fingers away from actuator and press ring during the press cycle.

Figure 8 – Installing Press Ring Onto Fitting

Figure 9 – Attaching Actuator to Press Ring

3. After cycle is complete, squeeze actuator arms to open and separate actuator from press ring. Remove the press ring from fitting by manually grasping ring halves and opening assembly. Avoid any sharp edges which may have formed on fitting during pressing operation.

NOTICE The RP 340 Press Tool will turn OFF automatically if the battery is too low to successfully complete a pressed connection. This will be indicated by blinking of the green LED. A fully charged battery should be inserted in the tool and the pressed connection should be repeated as indicated above. To retract the rollers and remove the tool from the fitting if battery dies or tool malfunctions during pressed connection, it is necessary to press the red pressure release button on the left hand side of the tool. *(Figure 10)*

Figure 10 – Pressure Release Button

Inspecting The Pressed Connection

1. Inspect the pressed fitting. If the fitting is supplied with a control ring and/or a control label by the fitting manufacturer, remove it. Control rings and label are supplied by the manufacturer to indicate that the fitting has not yet been pressed.

   Look for the following:

   - Excessive misalignment of the tubes. Note that a slight amount of misalignment at the pressed connection is considered normal.
   - Tubes that are not fully inserted into the fitting – double check the insertion marks made on the tube to see that they are still aligned with the end of the fitting.
   - Incorrect jaw or ring alignment with the fitting contour, distorted or deformed fitting.
   - Any other issues per the fitting manufacturer.

   If any of these problems are found, then removal of the fitting is required and a new fitting and tube will need to be prepared and pressed in its place.

2. Test system in accordance with normal practice and local codes.

Maintenance Instructions

⚠ WARNING

Make sure AC Battery Adapter is unplugged and removed or battery is removed from tool before performing maintenance or making any adjustment.

Cleaning and Lubrication

1. Daily wipe the tool clean with a clean dry cloth.
2. Inspect the attachment mounting pin and lubricate the pin with silicone lubricant as needed.
3. Check return springs in attachments with each use. Attachments should open and close freely with only moderate finger effort required.

Required Maintenance at RIDGID Authorized Service Center

After 40,000 cycles, the tool will show a blinking yellow LED on the display panel as long as the tool is turned on to indicate that it is time for maintenance and recalibration. The tool will not run if it is not maintained within 2,000 more cycles after the yellow blinking LED begins.

Accessories

⚠ WARNING

The following tool accessories have been designed to function with the RP 340 Press Tools. Other accessories suitable for use with other tools may become hazardous when used on the RP 340. To prevent serious injury, use only the accessories specifically designed and recommended for use with the RP 340, such as those listed below.

Ridge Tool Company provides Standard Pressing attachments designed specifically for use with RIDGID Standard Press tools. Only use attachments that are specifically designed to press the fitting system you are installing. For a complete listing of RIDGID attachments available for this tool, see the Ridge Tool Catalog.

RP 340 Press Tool Accessories

Catalog No.	Voltage	Product Region	Plug Type
44823	120V	China AC Power Adapter	A
43338	220V	Europe AC Power (Mains) Adapter	C
44468	120V	North America AC Power Adapter	A
27933	—	Carrying Case (Plastic)	—

Battery Packs

Catalog No.	Capacity	Region
44693	18V 2.0 Ah	North & Latin America, Australia
44698	18V 4.0 Ah	North & Latin America, Australia
43323	18V 2.0 Ah	Europe & China
43328	18V 4.0 Ah	Europe & China
31013	18V 1.1 Ah	North & Latin America, Australia
32743	18V 2.2 Ah	North & Latin America, Australia
31018	18V 3.3 Ah	North & Latin America, Australia
32473	18V 1.1 Ah	Europe & China
28218	18V 2.2 Ah	Europe & China
28448	18V 3.3 Ah	Europe & China

All listed batteries will work with any model RBC 20 charger. The difference between batteries for different regions is in label markings.

RBC 20 Advanced Lithium Battery Chargers & Cords

Catalog No.	Voltage	Region	Plug Type
43458	120V	North America	A
43333	230V	Europe	C
43468	120V	China	A
44418	230V	Australia & Latin America	I
44793	100V	Japan	A
44833	230V	United Kingdom	G
44798	—	North America Charger Cord	A
44808	—	Europe Charger Cord	C
44803	—	China Charger Cord	A
44813	—	Australia & LA Charger Cord	I
44818	—	Japan Charger Cord	A
44828	—	United Kingdom Charger Cord	G

Storage

Remove the battery or AC Power Adapter from the tool and place in its carrying case. Avoid storing the tool, batteries, AC Power Adapter or charger in extreme heat or cold. The tool temperature sensor will not allow the tool to turn on if oil temperature is not within the temperature range of 15°F (-10°C) to 122°F (50°C). This will be indicated by a red glowing LED on the display panel. It may be necessary to allow the tool to warm or cool to a temperature within the operating range by placing it in a conditioned area before use.

⚠ WARNING Store the carrying case in a dry, secured, locked area that is out of reach of children and people unfamiliar with the RP 340 Press Tool. The tool is dangerous in the hands of untrained users.

Service and Repair

⚠ WARNING

Improper service or repair can make machine unsafe to operate.

Service and repair on this RP 340 Press Tool must be performed by a RIDGID Authorized Service Center. The tool fasteners have been marked to indicate if service has been performed by unauthorized individuals.

Disposal

Parts of the RIDGID RP 340 Press Tool contain valuable materials and can be recycled. There are companies that specialize in recycling that may be found locally. Dispose of the components in compliance with all applicable regulations. Contact your local waste management authority for more information.

For EC Countries: Do not dispose of electrical equipment with household waste!

According to the European Guideline 2002/-96/EC for Waste Electrical and Electronic Equipment and its implementation into national legislation, electrical equipment that is no longer usable must be collected separately and disposed of in an environmentally correct manner.

Troubleshooting

SYMPTOM	POSSIBLE REASONS	SOLUTION
Tool will not turn ON when ON/OFF button on display panel is pressed.	Electric cord damaged.	Inspect the cord and replace if necessary.
	Battery is completely discharged or battery has failed or power cord not properly inserted into outlet.	Insert fully charged battery/recharge dead battery or unplug and replug power cord.
	Battery or AC Power Adapter not properly inserted into handle of tool.	Check to assure battery or AC Power Adapter is fully inserted.
Tool will not run when trigger is depressed. Green light flashes.	Battery is too low.	Insert fully charged battery/recharge dead battery.
Tool turns OFF either when trigger is depressed or in the middle of a press cycle. Red LED glows.	Tool, AC Power Adapter or battery is too cold or too hot.	Bring tool, AC Power Adapter or battery to correct operating range between 15°F (-10°C) to 122°F (50°C) by allowing the tool to sit in a conditioned room. **NOTE! Fitting must be repressed if tool stops in the middle of a press cycle. Failure to do so may result in a leaking fitting.**
Yellow LED blinks repeatedly as long as tool is turned ON and tool functions properly.	Scheduled maintenance/recalibration is required after 40,000 presses.	Contact Test Equipment Depot
Yellow LED glows continuously and tool will not begin press cycle when trigger switch is depressed.	Scheduled maintenance/recalibration is mandatory after 42,000 presses. Tool is “locked” and will not function until tool is serviced.	Contact Test Equipment Depot
Red LED blinks repeatedly and tool will not begin press cycle when trigger switch is depressed.	Accessory mounting pin not fully closed.	Insert accessory mounting pin to the fully closed position.
Yellow LED glows when tool is turned ON.	Tool malfunction detected.	Unplug and replug power cord or remove and reinsert fully charged battery. Be sure to repress fitting. If LED continues to glow, contact Test Equipment Depot
Jaws are locked onto fitting.	Press was not successfully completed.	Push pressure release button to remove jaws from fitting. Inspect and repress fitting.
The pressed connections produced are not complete.	Used wrong jaw set for the tube size or material.	Install the correct jaw set.
	The tool was not square to the tube.	Redo the joint with new fitting and new tube. Make sure that the tool is square to the tube.
	Jaw contour was not aligned with the fitting contour.	Redo the joint with new tube and new fitting. Make sure the jaw contour is aligned with the fitting contour.
	Tool is in need of repair.	Contact Test Equipment Depot

RP 340 Diagnostic Codes

LED	Status	Description	Icon
Green	Glows	Tool ON.	
	Blinks	Out of acceptable voltage range — Tools using a battery: Replace battery with a fully charged battery. — Tools using an AC Power Adapter: Connect tool to a reliable voltage supply. If using extension cord, use 16 AWG for 50' or less, 14 AWG for 50' to 100'.	
Red	Glows	Out of temperature range 15°F (-10°C) to 122°F (50°C).	
	Blinks	Jaws mounting pin not fully engaged. Insert pin.	
Yellow	Glows	Service indicator after 40,000 cycles. NOTE: Tool will lock after 42,000 cycles.	
	Blinks	Machine is locked – Service after 42,000 cycles or after a malfunction.	

What is covered
RIDGID® tools are warranted to be free of defects in workmanship and material.

How long coverage lasts
This warranty lasts for the lifetime of the RIDGID® tool. Warranty coverage ends when the product becomes unusable for reasons other than defects in workmanship or material.

What we will do to correct problems
Warranted products will be repaired or replaced, at RIDGE TOOL'S option, and returned at no charge; or, if after three attempts to repair or replace during the warranty period the product is still defective, you can elect to receive a full refund of your purchase price.

What is not covered
Failures due to misuse, abuse or normal wear and tear are not covered by this warranty. RIDGE TOOL shall not be responsible for any incidental or consequential damages.

How local law relates to the warranty
Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights, and you may also have other rights, which vary, from state to state, province to province, or country to country.

No other express warranty applies
This FULL LIFETIME WARRANTY is the sole and exclusive warranty for RIDGID® products. No employee, agent, dealer, or other person is authorized to alter this warranty or make any other warranty on behalf of the RIDGE TOOL COMPANY.

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